



## GENERAL DESCRIPTION

The SM5025A/B is an infrared remote control encoder LSI utilizing CMOS technology.

The transmission code consists of "leader pulse", "16 bit customer code", and "16 bit data code". Using Micro-processors for decoder, various applications can be realized.

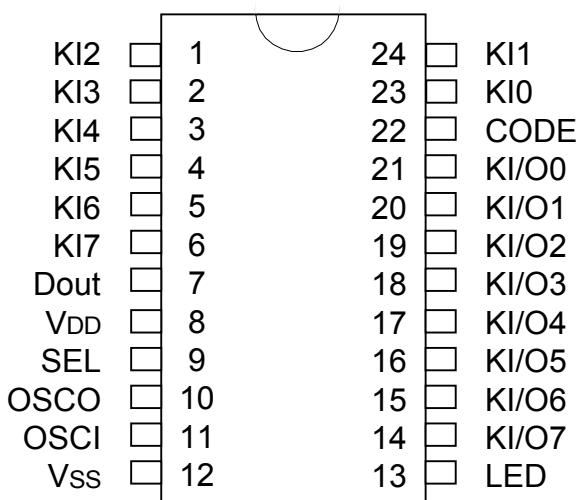
## APPLICATIONS

1. Audio Remote Control
2. Video Remote Control
3. Consumer Product Remote Control

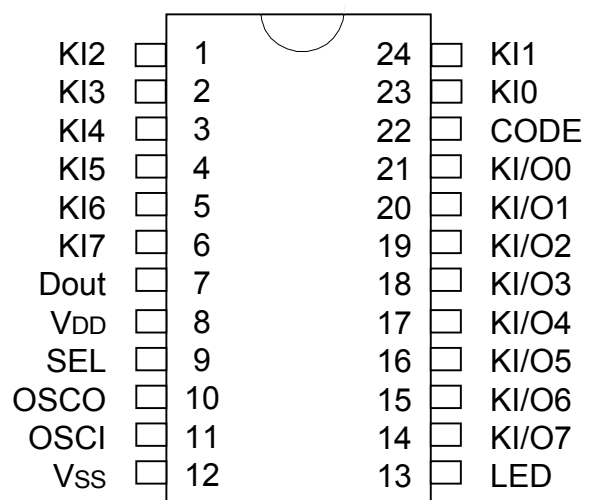
## FEATURE

- \* Low voltage operation ..... $V_{DD} = 2.0$  to  $3.3V$
- \* Low power consumption .....  $I_{DD} < 1 \mu A$  at standby mode
- \* 64 function keys and 3 double action keys
- \* 128 + 6 function codes are available. (Using SEL terminal)
- \* 65536 customer codes can be selected. (Using external R, Diode-SM5025A or internal MASK ROM-SM5025IRB)
- \* 24pin SOP or DIP

## PIN ASSIGNMENTS



24 PIN DIP IN 300MIL



24 PIN SOP IN 300MIL